

9/14

Krix-1 Variable heavy chain (SEQ ID NO: 1 and 2)

1/1
 ATG GAC TGG ACC TGG AGG ATC CTC TTC TTG GTG GCA GCA GCC ACA GGA GCC CAC TCC CAG
 M D W T W R I L F L V A A A T G A H S Q
 <----- Leader peptide ----->

61/21
 GTG CAA CTG GTG CAA TCT GGG GCT GAG GTG AAG AAG CCT GGG GCC TCA GTG AAG GTC TCC
 V Q L V Q S G A E V K K P G A S V K V S

121/41
 TGC AAG ACC TCT GGA TAC AAC TTC ACC GGC TAC TCT GCT TCT GGA CAT ATC TTC ACC GCC
 C K T S G Y N F T G Y S A S G H I F T A
 * *

31/31
 AAG AAG CCT GGG GCC TCA GTG AAG GTC TCC
 K K P G A S V K V S

47 49 151/51
 TGC AAG ACC TCT GGA TAC AAC TTC ACC GGC TAC TCT GCT TCT GGA CAT ATC TTC ACC GCC
 C K T S G Y N F T G Y S A S G H I F T A
 * *

181/61
 TAC TCT GTG CAC TGG GTG CGA CAG GCC CCT GGA CAA GGG CTT GAG TGG ATG GGA AGG ATC
 Y S V H W V R Q A P G Q G L E W M G R I
 <----->

211/71
 GGA CAA GGG CTT GAG TGG ATG GGA AGG ATC
 G Q G L E W M G R I

241/81
 AAC CCT AAC AGT GGT GCC ACA GAC TAT GCA CAT AAA TTT CAG GGC AGG GTC ACC ATG TCC
 N P N S G A T D Y A H K F Q G R V T M S
 <----- CDR2 ----->

271/91
 CAT AAA TTT CAG GGC AGG GTC ACC ATG TCC
 H K F Q G R V T M S

301/101
 AGG GAC ACG TCC ATC AGC ACA GCC TAC ATG GAA CTG AGC AGG CTG ACA TCT GAC GAC ACG
 R D T S I S T A Y M E L S R L T S D D T

331/111
 GAA CTG AGC AGG CTG ACA TCT GAC GAC ACG
 E L S R L T S D D T

361/121
 GCC ATG TAT TAC TGT GCG AGA GCC GAC AAC TAT TTC GAT ATT GTG ACT GGC TAT ACT TCT
 A M Y Y C A R A D N Y F D I V T G Y T S
 <----- CDR3 ----->

391/131
 TAT TTC GAT ATT GTG ACT GGC TAT ACT TCT
 Y F D I V T G Y T S

421/141
 CAT TAC TTT GAC TAC TGG GGC CGG GGA ACC CTG GTC ACC GTC TCC TCA GCC TCC ACC AAG
 H Y F D Y W G R G T L V T V S S A S T K
 <----->

451/151
 CTG GTC ACC GTC TCC TCA GCC TCC ACC AAG
 L V T V S S A S T K

481/161
 GGC CCA TCG GTC TTC C
 G P S V F

Figure 17

10/14

Krix-1 Variable light chain (SEQ ID NO: 3 and 4)

1/1 31/11
 ATG GAA ACC CCA GCT CAG CTT CTC TTC CTC CTG CTA CTC TGG CTC CCA GAT ACC ACC GGA
 M E T P A Q L L F L L L L W L P D T T G
 <----- Leader ----->

61/21 91/31
 GAA ATT GTG TTG ACG CAG TCT CCA GGC ACC CTG TCT TTG TCT CCA GGG GAA AGA GCC ACC
 E I V L T Q S F G T L S L S P G E R A T

121/41 151/51
 CTC TCC TGC AGG GCC AGT CAG AGT GTT GCC AGC GCC TAC TTA GCC TGG TAC CAG CAA AAA
 L S C R A S Q S V A S A Y L A W Y Q Q K
 <----- CDR1 ----->

181/61 SEQ ID NO: 36 211/71
 CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GGT GCA TCC AGT AGG GCC ACC GAC ATC CCA
 P G Q A P R L L I Y G A S S R A T D I P
 <----- CDR2 ----->

241/81 SEQ ID NO: 37 271/91
 CAC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT CTC ACC ATC AGC AGA CTG GAG
 H R F S G S G S G T D F T L T I S R L E

301/101 331/111
 CCT GAA GAT TTT GCA GTG TAC TAC TGT CAG CAA TAT GGT ACC TCA GCC TTA CTC ACT TTC
 P E D F A V Y Y C Q Y G T S A L L T F
 <----- CDR3 ----->

361/121 SEQ ID NO: 38 391/131
 GGC GGA GGG ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC
 G G G T K V E I K R T V A A P S V F I F

421/141
 CCG CCA TCT
 P P S

Figure 17 (continued)